

# FRC 2023: Robot intake design and assembly

Led design and assembly of intake subsystem for school's FRC robot, coordinating CAD, prototyping, and build with team.

## Skills

- FRC subsystem leadership
- CAD design of intake
- Iterative prototyping & testing
- Mechanical troubleshooting under pressure
- Team coordination in robotics build season
- Design for CNC
- Metalworking with aluminium parts

## Awards

- Best end effector award at FRC World Championship 2023
- 2nd place in FRC World Championship division

## Finished product images



## Process/Production images:

